

Product Datasheet

Importin alpha 5/KPNA1/SRP1 Antibody H00003836-A02

Unit Size: 0.05 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00003836-A02**Importin alpha 5/KPNA1/SRP1 Antibody**

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Isotype	IgG
Purity	Unpurified
Buffer	50 % glycerol

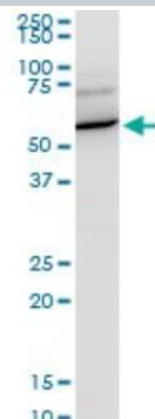
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	3836
Gene Symbol	KPNA1
Species	Human, Mouse, Rat
Reactivity Notes	Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	KPNA1 - karyopherin alpha 1 (importin alpha 5)
Immunogen	KPNA1 (AAH02374.1, 1 a.a. - 538 a.a.) full-length recombinant protein with GST tag. MTTPGKENFRLKSYKNKSLNPDEMRRRREEEGLQLRKQKREEQLFKRRNVAT AEEETEEVMSDGGFHEAQINMEMAPGGVITSDMIEMIFSKSPEQQLSATQK FRKLLSKEPNPPIDEVISTPGVVARFVEFLKRKENCTLQFESAWVLTNIASGNSL QTRIVIQAGAVPIFIELLSSEFEDVQEQAVALGNIAGDSTMCRDYVLDNLP LLQLFSKQNRMTMTRNAVWALSNLGRGKSPPEFAKVSPCLNVLSWLLFVS DVLADACWALSYSLSGPNDDKIQAVIDAGVCRRLVELLMHNDYKVVSPALRAVG NIVTGDDIQTQVILNCSALQSLLHLLSSPKESIKKEACWTISNITAGNRAQIQTV IDANIFPALISILQTAEFRTKEAAWAITNATSGGSAEQIKYLVELGCIKPLCDLLTV MDSKIVQVALNGLNLRLEGEQAKRNGTGINPYCALIEEAYGLDKIEFLQSHEN QEIQKAFDLIEHYFGTEDEDSSIAPQVDLNQQYIFQQCEAPMEGFQL
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA
Recommended Dilutions	Western Blot, ELISA
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for ELISA.

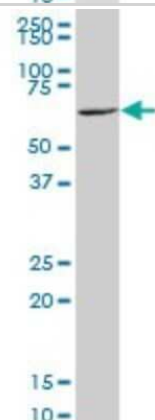


Images

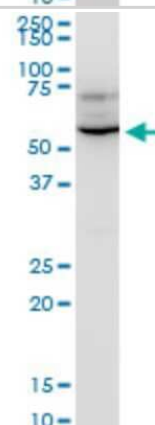
Western Blot: Importin alpha 5/KPNA1/SRP1 Antibody [H00003836-A02]
- Analysis of KPNA1 expression in PC-12.



Western Blot: Importin alpha 5/KPNA1/SRP1 Antibody [H00003836-A02]
- Analysis of KPNA1 expression in NIH/3T3 (Cat # L018V1).



Western Blot: Importin alpha 5/KPNA1/SRP1 Antibody [H00003836-A02]
- Analysis of KPNA1 expression in Raw 264.7.



Publications

Mahalakshmi RN, Ng MY, Guo K et al. Nuclear localization of endogenous RGK proteins modulation of cell shape remodeling by regulated nuclear transport. *Traffic*;8(9):1164-78. 2007-09-01 [PMID: 17605760]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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